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EEEEEEEEEEEEEEEEEE DDDDDDDDDDDDDDD TTTTTTTTTTTTTTTT
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CCCCCCCC HH HH MM MM SSSSSSSS EEEEEEEEE LL PPPPPPP 000000 SSSSSSSS
CCCCCCCC HH HH MM MM SSSSSSSS EEEEEEEEE LL PPPPPPP 000000 SSSSSSSS
CC HH HH MMMM MMMM SS EE LL PP PP 00 00 SS
CC HH HH MMMM MMMM SS EE LL PP PP 00 00 SS
CC HH HH MM MM MM SS EE LL PP PP 00 00 SS
CC HH HH MM MM MM SS EE LL PP PP 00 00 SS
CC HHHHHHHHHH MM MM SSSSSS EEEEEEE LL PPPPPPP 00 00 SSSSSS
CC HHHHHHHHHH MM MM SSSSSS EEEEEEE LL PPPPPPP 00 00 SSSSSS
CC HH HH MM MM SS EE LL PP PP 00 00 SS
CC HH HH MM MM SS EE LL PP PP 00 00 SS
CC HH HH MM MM SS EE LL PP PP 00 00 SS
CC HH HH MM MM SSSSSSSS EEEEEEEEE LL LLLLLLLLLL PP 000000 SSSSSSSS
CCCCCCCC HH HH MM MM SSSSSSSS EEEEEEEEE LL LLLLLLLLLL PP 000000 SSSSSSSS
CCCCCCCC HH HH MM MM SSSSSSSS EEEEEEEEE LL LLLLLLLLLL PP 000000 SSSSSSSS
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```

```
0001 0 XTITLE 'EDT$CHMSELPOS - test position of select range'
0002 0 MODULE EDT$CHMSELPOS (
0003 0 IDENT = 'V04-000'
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 This module compares the current line to the select range.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: Unknown
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 04-Feb-1981. This module was created by
0045 1 extracting the routine EDT$$SEL_RNGPOS from module CHANGE.BLI.
0046 1 1-002 - Regularize headers. JBS 03-Mar-1981
0047 1 1-003 - Make some minor edits, for esthetics. JBS 02-Jun-1981
0048 1 1-004 - Convert to new compare line number macro. STS 20-Oct-1982
0049 1 1-005 - Maintain select information until screen update is done with it. JBS 02-Dec-1982
0050 1 --
0051 1
```


EDT\$CHMSELPOS
V04-000

EDT\$CHMSELPOS - test position of select range
Declarations

D 11
16-Sep-1984 00:11:27
14-Sep-1984 12:22:46

VAX-11 Bliss-32 V4.0-742
[EDT.SRC]CHMSELPOS.BLI;1

Page 2
(2)

```
.. 53      0052 1 %SBTTL 'Declarations'
.. 54      0053 1
.. 55      0054 1 : TABLE OF CONTENTS:
.. 56      0055 1 :
.. 57      0056 1
.. 58      0057 1 REQUIRE 'EDTSRC:TRAROUNAM';
.. 59      0496 1
.. 60      0497 1 FORWARD ROUTINE
.. 61      0498 1     EDT$$SEL_RNGPOS;
.. 62      0499 1
.. 63      0500 1 :
.. 64      0501 1 : INCLUDE FILES:
.. 65      0502 1 :
.. 66      0503 1
.. 67      0504 1 REQUIRE 'EDTSRC:EDTREQ';
.. 68      0639 1
.. 69      0640 1 :
.. 70      0641 1 : MACROS:
.. 71      0642 1 :
.. 72      0643 1 :     NONE
.. 73      0644 1 :
.. 74      0645 1 : EQUATED SYMBOLS:
.. 75      0646 1 :
.. 76      0647 1 :     NONE
.. 77      0648 1 :
.. 78      0649 1 : OWN STORAGE:
.. 79      0650 1 :
.. 80      0651 1 :     NONE
.. 81      0652 1 :
.. 82      0653 1 : EXTERNAL REFERENCES:
.. 83      0654 1 :
.. 84      0655 1 :     In the routine
```

! Compare the select line with the current line

EDT\$
V04-

```

86 0656 1 %SBTTL 'EDT$$SEL_RNGPOS - test position of select range'
87 0657 1
88 0658 1 GLOBAL ROUTINE EDT$$SEL_RNGPOS ! Test position of select range
89 0659 1 =
90 0660 1
91 0661 1 ++
92 0662 1 FUNCTIONAL DESCRIPTION:
93 0663 1
94 0664 1 This little routine returns a comparison between the select line
95 0665 1 and the current line as follows:
96 0666 1
97 0667 1 -1 if the select is before the current line or there is no select
98 0668 1 0 if it is on the current line
99 0669 1 1 if it is after the current line
100 0670 1
101 0671 1 This is useful, because, when text is changed, the select position is
102 0672 1 affected only if it is on or after the current line.
103 0673 1
104 0674 1 FORMAL PARAMETERS:
105 0675 1
106 0676 1 NONE
107 0677 1
108 0678 1 IMPLICIT INPUTS:
109 0679 1
110 0680 1 EDT$$A_SEL_BUF
111 0681 1 EDT$$A_OLD_SEL
112 0682 1 EDT$$L_SEL_LN
113 0683 1 EDT$$A_CUR_BUF
114 0684 1
115 0685 1 IMPLICIT OUTPUTS:
116 0686 1
117 0687 1 NONE
118 0688 1
119 0689 1 ROUTINE VALUE:
120 0690 1
121 0691 1 -1 if the select is before the current line or there is no select
122 0692 1 0 if the select is on the current line
123 0693 1 1 if the select is after the current line
124 0694 1
125 0695 1 SIDE EFFECTS:
126 0696 1
127 0697 1 NONE
128 0698 1
129 0699 1 --
130 0700 1
131 0701 2 BEGIN
132 0702 2
133 0703 2 EXTERNAL
134 0704 2 EDT$$A_SEL_BUF, ! Pointer to select buffer.
135 0705 2 EDT$$L_SEL_LN : LN BLOCK, ! Relative line number of select.
136 0706 2 EDT$$A_CUR_BUF : REF TBCB_BLOCK, ! The current buffer tbc
137 0707 2 EDT$$A_OLD_SEL; ! Pointer to old select buffer
138 0708 2
139 0709 3 IF ((.EDT$$A_SEL_BUF NEQA .EDT$$A_CUR_BUF) AND (.EDT$$A_OLD_SEL NEQA .EDT$$A_CUR_BUF))
140 0710 2 THEN
141 0711 3 RETURN (-1) ! No select in this buffer
142 0712 2 ELSE
```

EDT\$CHMSELPOS
V04-000

EDT\$CHMSELPOS - test position of select range
EDT\$\$SEL_RNGPOS - test position of select rang

F 11

16-Sep-1984 00:11:27

VAX-11 Bliss-32 V4.0-742

[EDT.SRC]CHMSELPOS.BLI;1

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(3)

: 143
: 144
: 145
0713 2
0714 2
0715 1
RETURN (CMPLNO (EDT\$\$L_SEL_LN, EDT\$\$A_CUR_BUF [TBCB_CUR_LIN]));
END;

! of routine EDT\$\$SEL_RNGPOS

:

.TITLE EDT\$CHMSELPOS EDT\$CHMSELPOS - test position of
select range

.IDENT \V04-000\

.EXTRN EDT\$\$A_SEL_BUF, EDT\$\$L_SEL_LN
.EXTRN EDT\$\$A_CUR_BUF, EDT\$\$A_OLD_SEL

.PSECT _EDT\$CODE, NOWRT, SHR, PIC, 2

.ENTRY EDT\$\$SEL_RNGPOS, Save nothing

MOVL EDT\$\$A_CUR_BUF, R0

CMPL EDT\$\$A_SEL_BUF, R0

BEQL 1\$

CMPL EDT\$\$A_OLD_SEL, R0

BNEQ 2\$

MOVZWL HIGH 1, R1

CMPW 10(R0), R1

BGTRU 2\$

BNEQ 4\$

MOVL LOW 1, R1

CMPL R1, -6(R0)

BGEQU 3\$

MNEGL #1, R0

RET

BNEQ 4\$

CLRL R0

RET

MOVL #1, R0

RET

0000 00000
50 00000000G 00 D0 00002
50 00000000G 00 D1 00009
09 13 00010
50 00000000G 00 D1 00012
1C 12 00019
51 00000000G 00 3C 0001B 1\$:
51 0A A0 B1 00022
0F 1A 00026
16 12 00028
06 51 00000000G 00 D0 0002A
A0 51 D1 00031
04 1E 00035
50 01 CE 00037 2\$:
04 0003A
03 12 0003B 3\$:
50 D4 0003D
04 0003F
50 01 D0 00040 4\$:
04 00043

: 0658
: 0709

: 0713

: 0715

; Routine Size: 68 bytes, Routine Base: _EDT\$CODE + 0000

: 146
: 147
: 148
0716 1
0717 1 END
0718 1 !<BLF/PAGE>

! of module EDT\$CHMSELPOS

: 150
: 151
0719 1
0720 0 ELUDOM

PSECT SUMMARY		
Name	Bytes	Attributes
_EDT\$CODE	68	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics					
File	-----		Symbols	-----	
	Total		Loaded	Percent	Pages Mapped
\$255\$DUA28:[EDT.SRC]EDT.L32;1	377		30	7	40
\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2		1	50	7
					Processing Time
					00:00.2
					00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:CHMSELPOS/OBJ=OBJ\$:CHMSELPOS MSRC\$:CHMSELPOS.BLI/UPDATE=(ENH\$:C
HMSELPOS)

Size: 68 code + 0 data bytes
Run Time: 00:10.7
Elapsed Time: 00:12.6
Lines/CPU Min: 4052
Lexemes/CPU-Min: 12596
Memory Used: 72 pages
Compilation Complete

0132 AH-BT13A-SE
VAX/VMS V4.0

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